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## Untitled-4 Formatted Alignment

123	hUCPH hUCP2 (Fleury) hUCP2 (Chen, Tularik)	ATGGTTGGGT TCAAGGCCAC AGATGTGCCC CCTACTGCCA CTGTGAAGTT ATGGTTGGGT TCAAGGCCAC AGATGTGCCC CCTACTGCCA CTGTGAAGTT ATGGTTGGGT TCAAGGCCAC AGATGTGCCC CCTACTGCCA CTGTGAAGTT	50 50 50
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	TCTTGGGGCT GGCACAGCTG CCTGCATCGC AGATCTCATC ACCTTTCCTC TCTTGGGGCT GGCACAGCTG CCTGCATCGC AGATCTCATC ACCTTTCCTC TCTTGGGGCT GGCACAGCTG CCTGCATCGC AGATCTCATC ACCTTTCCTC	100 100 100
	hUCPH hUCP2(Fleury) hUCP2(Chen, Tularik)	TEGATACTOC TRAAGTOOGG TTACAGATOC AAGGAGAAAG TCAGGGGCCCA TEGATACTGC TRAAGTOOGG TTACAGATOC AAGGAGAAAG TCAGGGGCCA TEGATACTGC TRAAGTOOGG TTACAGATOC AAGGAGAAAG TCAGGGGCCA	150 150 150
	hUCPH hUCP2 (Fleury) hUCP2 (Chen, Tularik)	GTGCGCGCTA CAGICAGCGC CCAGTACCGC GGTGTGATGG GCACCATTCT GTGCGCGCTA CAGCCAGCGC CCAGTACCGC GGTGTGATGG GCACCATTCT GTGCGCGCTA CAGCCAGCGC CCAGTACCGC GGTGTGATGG GCACCATTCT	200 200 200
	hUCPH hUCP2 (Fleury) hUCP2 (Chen, Tularik)	GACCATGGTG CGTACTGAGG GCCCCCGAAG CCTCTACAAT GGGCTGGTTG GACCATGGTG CGTACTGAGG GCCCCCGAAG CCTCTACAAT GGGCTGGTTG GACCATGGTG CGTACTGAGG GCCCCCGAAG CCTCTACAAT GGGCTGGTTG	250 250 250
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	CCGCCCTGCA GCGCCAAATG AGCTTTGCCT CTGTCCGCAT CGGCCTGTAT CCGGCCTGCAATG AGCTTTGCCT CTGTCCGCAT CGGCCTGTAT CCGGCCTGCAA GCGCCAAATG AGCTTTGCCT CTGTCCGCAT CGGCCTGTAT	300 300 300
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	GATTCTGTCA AACAGTTCTA CACCAAGGGC TCTGAGCATG CCAGCATTGG GATTCTGTCA AACAGTTCTA CACCAAGGGC TCTGAGCATG CCAGCATTGG GATTCTGTCA AACAGTTCTA CACCAAGGGC TCTGAGCATG CCAGCATTGG	350 350 350
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	GAGCCGCCTC CTAGCAGGCA GCACCACAGG TGCCCTGGCT GTGGCTGTGG GAGCCGCCTC CTAGCAGGCA GCACCACAGG TGCCCTGGCT GTGGCTGTGG GAGCCGCCTC CTAGCAGGCA GCACCACAGG TGCCCTGGCT GTGGCTGTGG	400 400 400
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	CCCAGCCCAC GGATGTGGTA AAGGTCCGAT TCCAAGCTCA GGCCCGGGCT CCCAGCCCAC GGATGTGGTA AAGGTCCGAT TCCAAGCTCA GGCCCGGGCT CCCAGCCCAC GGATGTGGTA AAGGTCCGAT TCCAAGCTCA GGCCCGGGCT	450 450 450
	hUCPH hCCP2(Fleury) hUCP2(Chen,Tularik)	GGAGGTGGTC GGAGATACCA AAGCACCGTC AATGCCTACA AGACCATTGC GGAGGTGGTC GGAGATACCA AAGCACCGTC AATGCCTACA AGACCATTGC GGAGGTGGTC GGAGATACCA AAGCACCGTC AATGCCTACA AGACCATTGC	500 500 500
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	CCGAGAGGAA GGGTTCCGGG GCCTCTGGAA AGGGACCTCT CCCAATGTTG CCGAGAGGAA GGGTTCCGGG GCCTCTGGAA AGGGACCTCT CCCAATGTTG CCGAGAGGAA GGGTTCCGGG GCCTCTGGAA AGGGACCTCT CCCAATGTTG	550 550 550
	hUCPH hUCP2(Fleury) hUCP2(Chen.Tularik)	CTCGTAATGC CATTGTCAAC TGTGCTGAGC TGGTGACCTA TGACCTCATC CTCGTAATGC CATTGTCAAC TGTGCTGAGC TGGTGACCTA TGACCTCATC CTCGTAATGC CATTGTCAAC TGTGCTGAGC TGGTGACCTA TGACCTCATC	600 600
	hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	AAGGATGCCC TCCTGAAAGC CAACCTCATG ACAGATGACC TCCCTTGCCA AAGGATGCCC TCCTGAAAGC CAACCTCATG ACAGATGACC TCCCTTGCCA AAGGATGCCC TCCTGAAAGC CAACCTCATG ACAGATGACC TCCCTTGCCA	650 650 650

## Untitled-4 Formatted Alignment

hUCPH hUCP2(Fleury) hUCP2(Chen,Tularik)	CTTCACTTCT GCCTTTGGGG CAGGCTTCTG CACCACTGTC ATCGCCTCCC CTTCATTTCT GCCTTTGGGG CAGGCTTCTG CACCACTGTC ATCGCCTCCC CTTCACTTCT GCCTTTGGGG CAGGCTTCTG CACCACTGTC ATCGCCTCCC	700 700 700
		250
hUCPH	CTGTAGACGT GGTCAAGACG AGATACATGA ACTCTGCCCT GGGCCAGTAC	750
hUCP2 (Fleury)	CTGTAGACGT GGTCAAGACG AGATACATGA ACTCTGCCCT GGGCCAGTAC	750
hUCP2(Chen, Tularik)	CTGTAGACGT GGTCAAGACG AGATACATGA ACTCTGCCCT GGGCCAGTAC	750
hUCPH	AGTAGCGCTG GCCACTGTGC CCTTACCATG CTCCAGAAGG AGGGGCCCCG	800
hUCP2 (Fleury)	AGTAGCGCTG GCCACTGTGC CCTTACCATG CTCCAGAAGG AGGGGCCCCG	800
hUCP2 (Chen, Tularik)	AGTAGCGCTG GCCACTGTGC CCTTACCATG CTCCAGAAGG AGGGGCCCCG	800
hucph	AGCCTTCTAC AAAGGGTTCA TGCCCTCCTT TCTCCGCTTG GGTTCCTGGA	850
hUCP2 (Fleury)	AGCCTTCTAC AAAGGGTTCA TGCCCTCCTT TCTCCGCTTG GGTTCCTGGA	850
hUCP2(Chen, Tularik)	AGCCTTCTAC AAAGGGTTCA TGCCCTCCTT TCTCCGCTTG GGTTCCTGGA	850
hucph	ACGTGGTGAT GTTCGTCACC TATGAGCAGC TGAAACGAGC CCTCATGGCT	900
hUCP2 (Fleury)	ACCTGCTGAT GTTCGTCACC TATGAGCAGC TGAAACGAGC CCTCATGGCT	900
hUCP2(Chen, Tularik)	ACGTGGTGAT GTTCGTCACC TATGAGCAGC TGAAACGAGC CCTCATGGCT	900
	·	
HUCPH .	GCCTGCACTT CCCGAGAGGC TCCCTTCTGA	930
hUCP2(Fleury)	GCCTGCACTT CCCGAGAGGC TCCCTTCTGA	930
hUCP2(Chen, Tularik)	GCCTGCACTT CCCGAGAGGC TCCCTTCTGA	930

## DGGGGGL CEJSO1

## Untitled-5 Formatted Alignment

888	100	150 150 150	200	250 250 250	300	309
MAGERKATIDAD PEDATIVKETZGRÆGTPAGITADDAM UKRRIÐITAKATRKIDOT ÖGESOGE MAGERKATIDAD PEDATAKTETGRÆGTPAGITADDAM UKRPINDITAKAR NIGOT ÖGESOGE MAGERKATIDAD PEDATAKTEGRÆGTPAKKTRÁDIÐA HEPINDITAKAR MOÐI ÖGESOGE	VRATASAOYERGYMSTTIDITMVIRTBSPRSIDMI(GIDVAGIIOROM ISBASVRIKED) VRATASAOVERGYMSTDIEITMVIRTBSBRSIDMI GIDVAGIIORGM SIRASVRIKED VRATIVSAOVERGYMSTDIEITMVIRTBSBRSIDMI GIDVAGIIORGM SIBASVRIKED	DSVKOFYTKG SEHASTGSRUMEAGSTITGALA VAVAOPITSVVIKVREGAGARA DSVKOFYTKG SEHASTGSRUMEAGSTITGALA VAVAOPITSVVIKOREDARA DSVKOFYTKG SEHASTGSRUMEAGSTITGALA VAVAOPITSVVIK KVREGAGARA	GGGRKYÖSTIV NAVKUUTAREEN GERGUNKETSURNYARNAVAVN GAENVATADIN GGGRRYÖSTIV NAVKUUTAREEN GERGUNKETSURNYARNAUNN GAENVITADIN GGGRRYÖSTIVI NAVKUUTAREEK GERGUNKETSURNYARNAUN GAENVIKUUT	KOALLKANIM KIDDILECHELS, AECAGEGINWEDASEVIDWUNG RAMISALEGON KOALLKANIM UDDILECHETS AECAGEOUN GASEVIDWUNG RAMISALGON KOALLKANIM UDDILECEEFTS PAECAGEGUNWEDSEVIDWUNG RAMISALGON	SSACHCAUM LOKOCHSPRABW KCHWESKURE CSWWWINU MEDINKRUW. SSACHCATCATIN BOKESPRABW KCHWESKURE (SSWWWINU MEDINKRALW. SSACHCALM LOKESPRARW KCHWESEURLE (SSWWWIEWE MEDINKRALW.	ACTISTEAPH MATERIAL PH MOTISTEAPH ACTISTEAPH MOTISTEAPH MATERIAL PH MATERIAL P
A hXF2 (Fleury) B hXF2 (Chen, Tularik) C hXFH	hCCP2 (Fleury) hCCP2 (Chen, Tularik) hCCPH	hUCP2 (Fleury) hUCP2 (Chen, Tularik) hUCPH	hUCP2 (Fleury) hUCP2 (Chen, Tularik) hUCPH	hCCP2 (Fleury) hCCP2 (Chen, Tularik) hCCPH	hUCP2 (Fleury) hUCP2 (Chen, Tularik) hUCPH	hUCP2 (Fleury) hUCP2 (Chen, Tularik) hUCPH